## 4<sup>TH</sup> GRADE SCIENCE SBA VOCABULARY LIST

		2	
	Question	Curiosity	Metric units
	Observe	Metric system	Centigrade
	Predict	Measure	Graph
	Describe	Classify	Model
Inquiry & Process	Investigation	Experiment	Scientific method
	Classify	Characteristics/trait	Hypothesis
	Evidence	Data	Conclusion
	Opinion	Infer	Variable
	Generalization		, an Audite
	Generalization		
	Color	Attract	Contract
	Size	Current electricity	Surface tension
	Shape	Static electricity	Volume
	Movement/motion	Circuit	Mass
	Texture	Insulator	Density
	Temperature	Conductor	Surface area
	Force	Physical properties	Condense
Physical Science	Weight	Phases	Evaporate
	Melting	Solid	Groundwater
	Freezing	Liquid	Conduction
	Dissolving	Force	Insulation
	Magnification	Gas	Mass
	Energy	Change of speed	Accelerate
	Magnetism	Water vapor	Decelerate
	Repel	Expand	Becelerate
	Кереі	Expand	
	Senses	Food chain	Food web
	Nature	Environment	Energy pyramid
	Habitat	Survival	Producers
	Predator	Extinct	Consumers
	Prey	Structures	Decomposer
	Characteristics of life	Organisms	Environment
	Characteristics of animals	Vertebrate	Population
Life Science	Producer	Invertebrate	Community
	Consumer	Predator	Migrate
	Characteristics of plants	Prey	Ecosystems
	Carbon dioxide	Adaptation	Fossil
	Oxygen	Camouflage	Species
	Conifer	Interdependence	Photosynthesis
	Deciduous	Carbon	
	Deciduous	Carbon	Energy flow
			Biomes
	Sun	Climate	Minerals
Earth Science	Sun Moon	Atmosphere	Minerals Crystal
		*	
	Stars	Air mass	Rock cycle
	Hemisphere	Air pressure	Igneous
	Solar System	Barometer	Sedimentary
	Planet	Evaporation	Metamorphic
	Seasons	Condensation	Lava
	Water	Precipitation	Magma
	Earth	Cirrus clouds	Erosion
	Equator	Stratus clouds	Sedimentation
	North pole	Cumulus clouds	Deposition
	South pole	Rotation	Weathering
	Land	Revolution	Cementing
	Sky	Satellite	Melting
	Wind	Landform	0
			Watershed
	Earthquake	Orbit	Core
	Runoff	Axis	Mantle
	Moraine	Avalanche	Crust
		Delta	Glacier
Technology /	Hand lens	Telescope	Microscope
•	Binoculars	Scale/balance	Graduated cylinder
culture / history	Spotting scope	Thermometer	

Please send any comments or questions to:
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## $8^{TH}$ GRADE SCIENCE SBA VOCABULARY LIST

Inquiry & Process	Dependent variable	Independent variable	Testable question
	Controlled variable	Experiment	Generalization
	Physical change	Molecule	Atom structure
	Chemical change	Atoms	Elements
	Heat	Electron	Molecules
	Electricity	Proton	Compounds
	Matter	Neutron	Volume
	Mixtures	Chemical element	Density
	Concentration	Energy	Melting point
	Saturation	Substance	Boiling point
	Solutions	Mixture	Temperature
Physical Science	Filter	Nucleus	Solutions
,	Precipitate	Ion	Solute-solvent
	Buoyancy	Isotope	Phases and phase changes of
	Speed	Ionic bond	matter
	Distance	Covalent bond	Energy types
	Direction	Van der waal force	Energy transformation
	Force	Brownian motion	Charged particles
	Motion	Friction	Unbalanced forces
	Rate	Potential energy	Electromagnetic spectrum
	Work	Kinetic energy	Velocity
	Inherited traits	Cell	Circulatory system
	Vertebrate	Adaptation	Digestive system
	Invertebrates	Asexual reproduction	Excretory system
	Limiting factor	Sexual reproduction	Respiratory system
	Chlorophyll	Learned behavior	Reproduction system
	Pollution	Instinct	Skeletal system
	Environmental factors	Vaccine	Muscular system
	Terrestrial	Greenhouse gas	Nervous system
Life Science	Aquatic	Natural selection	Interdependence
Life Selence	Cell	Variation	Heredity
	Genes	Speciation	Taxonomy
	Genetics	Evolution	Plant anatomy
	Taxonomic	Morphological	Darwinism
	Transpiration	Commensalism	Symbiosis
	Mitochondria	Cellular energy	Parasitism
	Chloroplast	Eukaryote	Mutualism
	DNA	Prokaryote	Dichotomous key
	27.7.	Trokuryote	Dienotomous key
	Stars	Igneous	Geological activity
Earth Science	Planets	Metamorphic	Tectonic results
	Moons	Earths' layers	Earth's axis/rotation
	Comets	Soil composition	Meltwater
	Asteroid	Rock composition	Topographical
	Meteors	Gravitation	Wave characteristics
			Conduction
	Lunar phases	Solar system	
	Eclipse	Light year	Convection
	Constellations	Magnitude of stars	Radiation
	Radiation	Kelvin scale	
	Reflection	Big Bang Theory	

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## $10^{TH}$ GRADE SCIENCE SBA VOCABULARY LIST

	Big Bang Theory	Volcanoes	Coriolis effect
	Earth's formation	Trenches	Star cycle
	Earth's internal energy	Erosion	Meteorology
	Geological time	Deposition	Weather
Earth Science	Geology	Astronomy	Climate
Earth Science	Rock cycle	Universe	Global climate change
	Identifying minerals	Galaxy	Tides
	Identifying rocks	Aurora	Natural disasters
	Plate tectonics	Solar winds	Tsunami
	Earthquakes	Ebb tide	Neep tide
	-		-
	Kingdom characteristics	Protein synthesis	Anatomical direction
	Meiosis	Genetics	Functions and relationship
	Mitosis	Structure/function	between all body systems
	Cell organelles	relationship	Organic energy (fats,
	Plant cell	Photosynthesis	proteins, carbohydrate)
Biology	Animal cell	Cellular respiration	Enzyme activity
	Scientific method	Ecology	Zoology
	Virus	Environmental change	botany
	Emergence of life	Disease	DNA
	Evolution	Taxonomy	Mutation
	Natural selection		
	Periodic table	Ionic bonding	H <sub>2</sub> O Properties
	Ion	Covalent bonding	Acid-base reactions
Chemistry	Isotope	Chemical reactions	Lewis dot structure
	Nuclear energy	Exothermic	Boyle's law
	Radioactivity	Endothermic	Thermodynamics
	Pressure	Net work	Coulomb's Law
	Fluids	Net power	Magnetism
	Buoyancy	Vectors	Wave types
Physics	Speed	Newton's Law	Amplitude
•	Acceleration	Efficiency	Wavelength Frequency
	Inertia	Mechanical advantage	Electromagnetic Spectrum
	Momentum	Coefficient of friction	Net force

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